
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Duron, Inc.

Product Name: Weathershield Exterior Acrylic Flat House Paint (DISCONTINUED)



MATERIAL SAFETY DATA SHEET

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WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT

| | | | |
|--|--|---|-------------------------|
| 1. Product And Company Identification | | | |
| Supplier Duron, Inc. 10406 Tucker Street Beltsville, MD 20705-2297 Company Contact: Environmental Service Telephone Number: (301)902-3288 FAX Number: (301)595-0401 Web Site: www.duron.com | | Manufacturer Duron, Inc. 10406 Tucker Street Beltsville, MD 20705-2297 Company Contact: Environmental Service Telephone Number: (301)902-3288 FAX Number: (301)595-0401 Web Site: www.duron.com | |
| Supplier Emergency Contacts & Phone Number PROSAR Product Safety: (800) 228-5635 CHEMTREC: 800-424-9300 | | Manufacturer Emergency Contacts & Phone Number PROSAR Product Safety: (800) 228-5635 CHEMTREC: 800-424-9300 | |
| Issue Date: 05/31/2001 Product Name: WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT Chemical Family: EXTERIOR LATEX FLAT PAINT MSDS Number: 577 Product Code: 34-SERIES Synonyms ACCENT BASE 34-106 WHITE BASE 34-101 ONE COAT WHITE 34-914 DEEP BASE 34-105 MIDTONE BASE 34-103 NEUTRAL BASE 34-107 HIGH HIDING WHITE 34-908 | | | |
| 2. Composition/Information On Ingredients | | | |
| Ingredient Name | | CAS Number | Percent Of Total Weight |
| 2,2,4-TRIMETHYL-1,3-PENTANEDIOL-MONOISOBUTYRATE | | 25265-77-4 | 1.5 - 2.1 |
| ACRYLIC RESIN | | Not Establis | 15.2 - 17.8 |
| DIATOMACEOUS EARTH, FLUX-CALCINED | | 68855-54-9 | 0.6 - 1.1 |
| DIETHYLENE GLYCOL | | 111-46-6 | 0 - 1.8 |
| ETHYLENE GLYCOL | | 107-21-1 | 1.7 - 3.6 |
| FELDSPAR | | 68476-25-5 | 15.3 - 22.8 |
| SILICA, CRISTOBALITE | | 14464-46-1 | 1.4 - 2.8 |
| TITANIUM DIOXIDE | | 13463-67-7 | 0 - 18.3 |
| WATER | | 7732-18-5 | 35.4 - 48.4 |
| ZINC OXIDE | | 1314-13-2 | 0 - 3 |
| 3. Hazards Identification | | | |
| Eye Hazards Trace amounts of amine and residual monomer vapors may be irritating to the eyes especially in poorly ventilated areas. Irritation in the form of redness, tearing and/or blurred vision. EYE CONTACT: Vapors can cause severe conjunctivitis. | | | |
| Skin Hazards Due to individual sensitization, this product can cause skin irritation upon prolonged or repeated contact. | | | |

WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT**3. Hazards Identification - Continued****Ingestion Hazards**

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

ETHYLENE GLYCOL: CAS #107-21-1 TOXIC DATA: INGESTION: Slightly toxic to humans (oral LD: 1.6 g/kg).

Causes mental sluggishness followed by difficulty in breathing and heart failure, kidney and brain damage, possibly death. Practically non-toxic to animals (or LD50 rats= 8.5 g/kg).

Inhalation Hazards

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and/or headache. Overexposure can cause neurological damage.

INHALATION: Mists or vapors from hot operations, can cause mental sluggishness pulmonary edema (accumulation of fluid in the lungs, signs and symptoms can be delayed for several hours) and bronchial pneumonia.

4. First Aid Measures**Eye**

If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes, lifting upper and lower lids occasionally.

Skin

Thoroughly wash exposed area with soap and large quantities of water for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse.

Ingestion

Drink 1 or 2 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician or poison control center immediately. Treat symptomatically.

Inhalation

Individual may experience dizziness or lightheadedness when working in areas of high vapor concentrations.

Victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

5. Fire Fighting Measures

Flash Point: NA °F NA °C

Flammability Class: Non-Combustible

Fire And Explosion Hazards

Never use a welding or cutting torch on or near containers (even empty) because residue may ignite.

Extinguishing Media

Class B extinguisher. Use foam, carbon dioxide or dry chemical fire fighting apparatus.

Fire Fighting Instructions

The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling.

6. Accidental Release Measures

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Ventilate confined spaces. Keep product out of sewers and watercourses by diking or impounding. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT**7. Handling And Storage****Handling And Storage Precautions**

KEEP FROM FREEZING.

KEEP OUT OF THE REACH OF CHILDREN.

DO NOT TAKE INTERNALLY.

FOR EXTERIOR USE ONLY: This product is intended solely for exterior use in well ventilated areas. Use of this product inside or to treat any material used inside any building or structure may be hazardous to your health and the health of those occupying the building. Keep this product out of the reach of children.

Work/Hygienic Practices

DO NOT eat, drink or smoke while using this product. Thoroughly wash hands before eating or smoking.

8. Exposure Controls/Personal Protection**Engineering Controls**

Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV.

Eye/Face Protection

Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact.

Skin Protection

Chemical resistant plastic or rubber gloves.

Respiratory Protection

The use of respiratory protection depends on vapor concentration above the time weighted TLV: use NIOSH/MSHA approved respirator.

Ingredient(s) - Exposure Limits

2,2,4-TRIMETHYL-1,3-PENTANEDIOL-MONOISOBUTYRATE

NOT ESTABLISHED

ACRYLIC RESIN

Not Established

ETHYLENE GLYCOL

ACGIH TLV-CEILING 100 mg/m³

FELDSPAR

Contains 7-13% Quartz

OSHA Respirable for Quartz is

PEL-TWA = 0.1 mg/M³

SILICA, CRISTOBALITE

ACGIH TLV-TWA 0.05 mg/m³

OSHA PEL-TWA 250/%SiO₂+5 mppcf

OSHA PEL-TWA 30/%SiO₂+2 mg/m³

OSHA PEL-TWA 10/%SiO₂+2 mg/m³

TITANIUM DIOXIDE

ACGIH TLV-TWA 10 mg/m³

OSHA PEL-TWA 15 mg/m³

ZINC OXIDE

ACGIH TLV-STEL 10 mg/m³

ACGIH TLV-TWA 5 mg/m³

ACGIH TLV-TWA 10 mg/m³

OSHA PEL-TWA 5 mg/m³

OSHA PEL-TWA 15 mg/m³

9. Physical And Chemical Properties

No Data Available...

WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT

9. Physical And Chemical Properties - Continued

Appearance

Viscous liquid

Odor

Mild odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F 100 °C

pH Factor: 8.0

Solubility: INFINITELY

Evaporation Rate: SLOWER THAN ETHER

| | | | |
|---|---------|-----------|--------------|
| VOLATILE ORGANIC CONTENT:1.72 POUNDS/GALLON | SG=1.23 | %VOL=66.4 | ACCENT BASE |
| VOLATILE ORGANIC CONTENT:0.96 POUNDS/GALLON | SG=1.22 | %VOL=67.3 | DEEP BASE |
| VOLATILE ORGANIC CONTENT:1.19 POUNDS/GALLON | SG=1.30 | %VOL=65.0 | MIDTONE BASE |
| VOLATILE ORGANIC CONTENT:1.23 POUNDS/GALLON | SG=1.43 | %VOL=60.1 | WHITE BASE |
| VOLATILE ORGANIC CONTENT:0.98 POUNDS/GALLON | SG=1.24 | %VOL=66.3 | NEUTRAL BASE |
| VOLATILE ORGANIC CONTENT:1.23 POUNDS/GALLON | SG=1.43 | %VOL=60.1 | H.H. WHITE |

SG = SPECIFIC GRAVITY %VOL = PERCENT VOLATILE BY VOLUME

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

11. Toxicological Information

Chronic/Carcinogenicity

This product contains Crystalline Silica (CS) which is considered a hazard by inhalation. The International Association for Research on Cancer (IARC) has classified CS as carcinogenic for humans (Class 1). CS can also cause silicosis, a non-cancerous lung disease. CS has not been classified as a carcinogen by OSHA or NTP. Pigment dust would not normally be encountered when handling a packaged paint product containing pre-wetted pigment. Proper respiratory protection should be worn when sanding a dried paint film due to the presence of CS.

Conditions Aggravated By Exposure

Effects of repeated overexposure. No evidence of adverse effects from available information. NOTICE: Reports have associated repeated and prolonged occupational overexposures to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Ingredient(s) - Carcinogenicity

SILICA, CRISTOBALITE

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose of product in accordance with applicable local, county, state and federal regulations.

14. Transport Information

Proper Shipping Name

WATER BASED MATERIAL - KEEP FROM FREEZING

WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT**14. Transport Information - Continued****DOT Shipping Label**

NONE

This product is not currently regulated under DOT.

The term "WATER BASED MATERIAL - KEEP FROM FREEZING "is used as a measure of count for inventory and shipping purposes.

15. Regulatory Information**SARA Hazard Classes**

Acute Health Hazard

Chronic Health Hazard

Ingredient(s) - U.S. Regulatory Information

ETHYLENE GLYCOL

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

ZINC OXIDE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

Ingredient(s) - State Regulations

DIATOMACEOUS EARTH, FLUX-CALCINED

New Jersey - Workplace Hazard

DIETHYLENE GLYCOL

Pennsylvania - Workplace Hazard

ETHYLENE GLYCOL

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

SILICA, CRISTOBALITE

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

TITANIUM DIOXIDE

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

New York City - Hazardous Substance

ZINC OXIDE

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

16. Other Information**Reference Documentation**

TITANIUM DIOXIDE: In an inhalation study, E.I. DuPont's Haskel Toxicology Laboratory found evidence of lung cancer (malignant tumors) in 1 out of 77 male rats and 13 out of 74 female rats after they were exposed to 250 mg/m3 titanium dioxide respirable dust for a two year period. The exposure level of 250 mg/m3 is approximately 50 times that permitted in an occupational environment.

WEATHERSHIELD EXTERIOR ACRYLIC FLAT HOUSE PAINT**16. Other Information - Continued****Reference Documentation - Continued**

The National Cancer Institute (NCI) conducted a feeding study in rats and mice in which either 25,000 or 50,000 parts per million titanium dioxide was given in their diets for two years. Under the conditions of the NCI test, titanium dioxide didn't cause cancer by the oral route.

Disclaimer

All information, recommendations and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Duron, Inc. as to the effect of such use, the results to be obtained, or the safety and toxicity of the product nor does Duron, Inc. assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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